**King Saud University**

**College Of Computer & Information Sciences**

**Department Of Computer Sciences**

**Tutorial 4 Fall 15**

**(Computer Networks CSC 329)**

**Q1.**

A sender (S) wants to send a message M = 1010001101. It uses the CRC method to generate the Frame Check Sequence FCS.

The used generator polynomial is given by

1. Give the polynomial M(x ) that represent the message M

110101

1. Determine the sequence of bits ( 5 bits ) that allows detecting errors.
2. Represent the binary whole message (T) send by the sender (S).

101000110101110

1. How does the receiver check whether the message T was transmitted without any errors